

=> d his ful

(FILE 'HOME' ENTERED AT 19:48:26 ON 07 JAN 2007)

FILE 'CAPLUS' ENTERED AT 19:48:34 ON 07 JAN 2007

L1           0 SEA PLU=ON AMINE NEAR USE NEAR THEREOF/TI  
L2           0 SEA PLU=ON AMINE NEAR USE NEAR THEREOF  
L3           0 SEA PLU=ON DALKO/IN  
L4           0 SEA PLU=ON DALKO  
L5           323 SEA PLU=ON BRETON  
L6           0 SEA PLU=ON L5 AND OREAL  
L7           0 SEA PLU=ON L4 AND LOREAL  
L8           0 SEA PLU=ON BRETON/IN  
L9           0 SEA PLU=ON DALKO.IN.  
L10          323 SEA PLU=ON BRETON.IN.  
L11          2 SEA PLU=ON L10 AND AMINE  
            D 1-  
L12          12 SEA PLU=ON UNDECAN-6-OL  
            D 10  
            D 1-  
            D 1 IALL  
            S 690211-88-2/REG# OR   690211-90-6/REG# OR   690211-92-8/REG#

FILE 'REGISTRY' ENTERED AT 19:54:27 ON 07 JAN 2007

L13         1 SEA PLU=ON 690212-00-1/RN

FILE 'CAPLUS' ENTERED AT 19:54:27 ON 07 JAN 2007

L14         1 SEA PLU=ON L13

FILE 'REGISTRY' ENTERED AT 19:54:28 ON 07 JAN 2007

L15         1 SEA PLU=ON 690212-01-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:28 ON 07 JAN 2007

L16         1 SEA PLU=ON L15

FILE 'REGISTRY' ENTERED AT 19:54:29 ON 07 JAN 2007

L17         1 SEA PLU=ON 690211-99-5/RN

FILE 'CAPLUS' ENTERED AT 19:54:29 ON 07 JAN 2007

L18         1 SEA PLU=ON L17

FILE 'REGISTRY' ENTERED AT 19:54:30 ON 07 JAN 2007

L19         1 SEA PLU=ON 690211-97-3/RN

FILE 'CAPLUS' ENTERED AT 19:54:30 ON 07 JAN 2007

L20         1 SEA PLU=ON L19

FILE 'REGISTRY' ENTERED AT 19:54:31 ON 07 JAN 2007

L21         1 SEA PLU=ON 690211-96-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:31 ON 07 JAN 2007

L22         1 SEA PLU=ON L21

FILE 'REGISTRY' ENTERED AT 19:54:32 ON 07 JAN 2007

L23         1 SEA PLU=ON 690211-95-1/RN

FILE 'CAPLUS' ENTERED AT 19:54:32 ON 07 JAN 2007

L24         1 SEA PLU=ON L23

FILE 'REGISTRY' ENTERED AT 19:54:33 ON 07 JAN 2007

L25         1 SEA PLU=ON 690211-92-8/RN

FILE 'CAPLUS' ENTERED AT 19:54:33 ON 07 JAN 2007

L26           1 SEA PLU=ON L25

FILE 'REGISTRY' ENTERED AT 19:54:34 ON 07 JAN 2007  
L27           1 SEA PLU=ON 690211-90-6/RN

FILE 'CAPLUS' ENTERED AT 19:54:34 ON 07 JAN 2007  
L28           1 SEA PLU=ON L27

FILE 'REGISTRY' ENTERED AT 19:54:35 ON 07 JAN 2007  
L29           1 SEA PLU=ON 690211-88-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:35 ON 07 JAN 2007  
L30           1 SEA PLU=ON L29  
L31           1 SEA PLU=ON L30 OR L28 OR L26 OR L24 OR L22 OR L20 OR L18 OR  
              L16 OR L14

INDEX 'ABI-INFORM, ADISCTI, ADISINSIGHT, ADISNEWS, AQUALINE, AQUASCI,  
BIOENG, BIOSIS, BIOTECHNO, CAPLUS, CBNB, CHEMLIST, CIN, CONFSCI, CSNB,  
DISSABS, EMBAL, EMBASE, ENERGY, ENVIROENG, ESBIOBASE, FOMAD, FOREGE,  
FROSTI, HEALSAFE, HSDB, IFIPAT, INIS, IPA, ...' ENTERED AT 19:55:04 ON 07  
JAN 2007

SEA L31

-----

0\* FILE ABI-INFORM  
0\* FILE ADISCTI  
0\* FILE ADISINSIGHT  
0\* FILE ADISNEWS  
0\* FILE AQUALINE  
0\* FILE AQUASCI  
0\* FILE BIOENG  
0\* FILE BIOSIS  
0\* FILE BIOTECHNO  
1 FILE CAPLUS  
0\* FILE CIN  
0\* FILE CONFSCI  
0\* FILE CSNB  
0\* FILE DISSABS  
0\* FILE EMBAL  
0\* FILE EMBASE  
0\* FILE ENERGY  
0\* FILE ENVIROENG  
0\* FILE ESBIOBASE  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE HEALSAFE  
0\* FILE IFIPAT  
0\* FILE INIS  
0\* FILE IPA  
0\* FILE JICST-EPLUS  
0\* FILE KOSMET  
0\* FILE LIFESCI  
0\* FILE MEDLINE  
0\* FILE MSDS-CCOHS  
0\* FILE NAPRALERT  
0\* FILE NLDB  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE PASCAL  
0\* FILE POLLUAB  
0\* FILE PROMT  
0\* FILE SCISEARCH  
0\* FILE TOXCENTER  
1 FILE USPATFULL

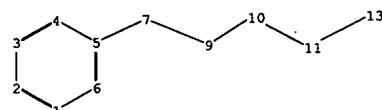
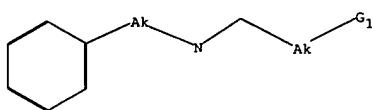
0\* FILE WATER  
0\* FILE DDFB  
0\* FILE DGENE  
0\* FILE DRUGB  
0\* FILE DRUGMONOG2  
0\* FILE IMSDRUGNEWS  
0\* FILE IMSPRODUCT  
0\* FILE PCTGEN  
0\* FILE PHARMAML  
0\* FILE PHIC  
0\* FILE PHIN  
0\* FILE BABS  
0\* FILE EPFULL  
0\* FILE IMSPATENTS  
0\* FILE IMSRESEARCH  
0\* FILE PCTFULL  
0\* FILE PROUSDDR  
0\* FILE RDISCLOSURE  
0\* FILE SYNTHLINE

L32           QUE PLU=ON L31

-----

FILE 'CAPLUS' ENTERED AT 19:55:43 ON 07 JAN 2007

L33           1 SEA PLU=ON L31  
              D L33 IALL HITSTR



chain nodes :

7 9 10 11 13

ring nodes :

1 2 3 4 5 6

chain bonds :

5-7 7-9 9-10 10-11 11-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

5-7 7-9 9-10 10-11 11-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS9:CLASS10:CLASS11:CLASS13:CLASS

Element Count :

Node 7: Limited  
C,C2-4

Node 11: Limited  
C,C11-20

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2004:402935 CAPLUS  
 DOCUMENT NUMBER: 140:412002  
 ENTRY DATE: Entered STN: 19 May 2004  
 TITLE: Cosmetic compositions comprising secondary or tertiary  
       amines for the treatment of skin wrinkles  
 INVENTOR(S): Dalko, Maria; Breton, Lionel; Boulle, Christophe  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 16 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 INT. PATENT CLASSIF.:  
     MAIN: C07C215-08  
     SECONDARY: C07C217-62; A61K007-48  
 CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
                   Section cross-reference(s): 24  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1420008	A1	20040519	EP 2003-292515	20031010
EP 1420008	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2847250	A1	20040521	FR 2002-14321	20021115
FR 2847250	B1	20060922		
US 2004143009	A1	20040722	US 2003-701466	20031106
JP 2004217622	A	20040805	JP 2003-385703	20031114
PRIORITY APPLN. INFO.:			FR 2002-14321	A 20021115
			US 2002-428744P	P 20021125

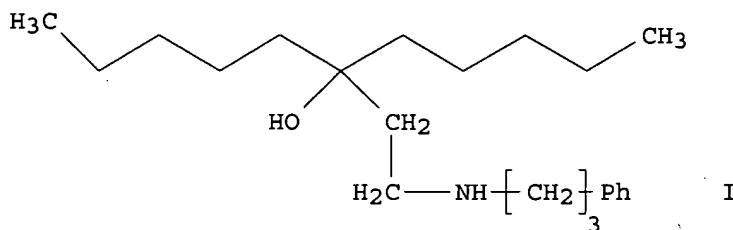
PATENT CLASSIFICATION CODES:

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 1420008	ICM	C07C215-08
	ICS	C07C217-62; A61K007-48
	IPCI	C07C0215-00 [I,C]; A61K0008-30 [I,C]; A61Q0019-06 [I,C]; C07C0217-00 [I,C]; C07C0215-08 [I,A]; A61K0008-41 [I,A]; A61Q0019-06 [I,A]; C07C0217-62 [I,A]
	IPCR	A61K0008-30 [I,A]; C07C0215-00 [I,C]; C07C0215-08 [I,A]; A61K0008-00 [I,C*]; A61K0008-00 [I,A]; A61K0008-30 [I,C]; A61K0008-41 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A]; A61Q0019-06 [I,C]; A61Q0019-06 [I,A]; A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; C07C0217-00 [I,C]; C07C0217-62 [I,A]
	ECLA	A61K008/41; A61Q019/00; A61Q019/08; C07C215/08; C07C217/62
FR 2847250	IPCI	C07C0211-00 [I,C]; C07C0211-08 [I,A]
	IPCR	A61K0008-00 [I,C*]; A61K0008-30 [I,C*]; A61Q0019-00 [I,C*]; A61Q0019-08 [I,C*]; C07C0215-00 [I,C*]; C07C0217-00 [I,C*]; A61K0008-30 [I,A]; A61K0008-00 [I,A]; A61K0008-41 [I,A]; A61Q0019-00 [I,A]; A61Q0019-08 [I,A]; C07C0215-08 [I,A]; C07C0217-62 [I,A]
	ECLA	A61K008/41; A61Q019/00; A61Q019/08; C07C215/08; C07C217/62
US 2004143009	IPCI	A61K0031-277 [ICM,7]; A61K0031-275 [ICM,7,C*]; A61K0031-137 [ICS,7]; A61K0031-195 [ICS,7]; A61K0031-185 [ICS,7,C*]; A61K0031-165 [ICS,7]; A61K0031-17 [ICS,7]
	IPCR	C07C0215-00 [I,C*]; C07C0215-08 [I,A]
	NCL	514/524.000; 514/567.000; 514/597.000; 514/619.000; 514/649.000; 558/418.000; 562/440.000; 564/051.000;

JP 2004217622      ECLA      564/164.000; 564/336.000  
 IPCI      C07C215/08  
 IPCR      C07C0215-08 [ICM, 7]; C07C0215-00 [ICM, 7, C\*];  
               A61K0007-00 [ICS, 7]; A61K0007-48 [ICS, 7]  
               A61K0008-30 [I, C\*]; A61K0008-41 [I, A]; A61Q0019-00  
               [I, A]; A61Q0019-00 [I, C\*]; A61Q0019-08 [I, A];  
               A61Q0019-08 [I, C\*]; C07C0215-00 [I, C\*]; C07C0215-08  
               [I, A]; C07C0217-00 [I, C\*]; C07C0217-62 [I, A]  
 FTERM      4C083/AB032; 4C083/AC102; 4C083/AC112; 4C083/AC122;  
               4C083/AC182; 4C083/AC342; 4C083/AC402; 4C083/AC422;  
               4C083/AC442; 4C083/AC551; 4C083/AC552; 4C083/AD042;  
               4C083/BB48; 4C083/CC01; 4C083/CC02; 4C083/CC04;  
               4C083/EE12; 4H006/AA01; 4H006/AA03; 4H006/AB12;  
               4H006/BJ50; 4H006/BN10; 4H006/BU36

OTHER SOURCE(S) : MARPAT 140:412002

GRAPHIC IMAGE:

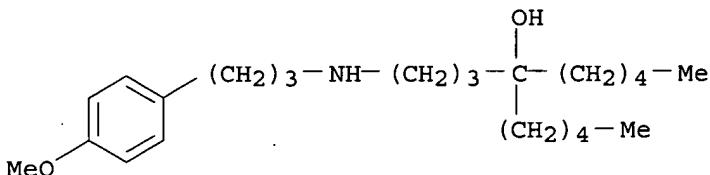


**ABSTRACT:**

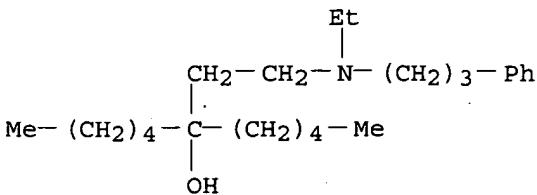
Cosmetic compns. comprising secondary or tertiary amines are used for the treatment of skin wrinkles. Thus, 6-[2-(3-phenyl-propylamino)-ethyl]-undecan-6-ol (I) (preparation given) was obtained by the reaction of bromopentane and Et 3-[ethyl-(3-phenyl-propyl)-amino]-propionate (yield = 8%). The myorelaxant activity of I was tested in rats' muscles in vivo. A cosmetic composition contained I 1, propylene glycol isostearate 13, polyethylene glycol 5, propylene glycol 3, pentylene glycol 3, glyceryl stearate and polyethylene stearate glycol 5, polyoxyethylene sorbitan mono-stearate 0.5, polyoxyethylene polyoxypropylene cetyl alc. 1, gelling agents 0.5, C12-15 alkyl benzoate 4, ethanol 3, sodium hydroxide 0.12, preservatives 0.7, and water q.s. 100%.

SUPPL. TERM: cosmetic secondary tertiary amine treatment skin wrinkle  
 INDEX TERM: Skin, disease  
               (aging; cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: Cosmetics  
               (wrinkle-preventing; cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 690212-00-1  
               ROLE: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
               (cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 690211-88-2P 690211-90-6P  
               690211-92-8P 690211-95-1P  
               690211-96-2P 690211-97-3P  
               690211-99-5P 690212-01-2P  
               ROLE: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
               (cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 75-07-0, Acetaldehyde, reactions 104-53-0,  
               3-Phenylpropionaldehyde 104-55-2, Cinnamaldehyde

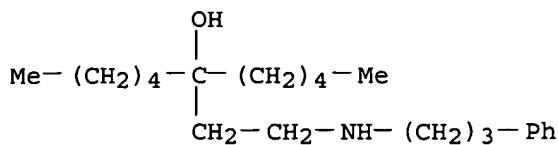
110-53-2, 1-Bromopentane 539-74-2, Ethyl 3-bromopropionate  
 2038-57-5, 3-Phenylpropylamine 4897-84-1, Methyl  
 4-Bromobutyrate 20401-88-1, 3-(4-Methoxyphenyl)  
 propionaldehyde 690211-91-7 690211-98-4  
 ROLE: RCT (Reactant); RACT (Reactant or reagent)  
 (cosmetic compns. comprising secondary or tertiary amines  
 for treatment of skin wrinkles)  
**INDEX TERM:**  
 75-04-7P, Ethylamine, preparation 13125-62-7P  
 36397-23-6P, 3-p-Methoxyphenyl-propyl)-amine 156697-76-6P  
 690211-89-3P 690211-93-9P 690211-94-0P 690212-02-3P  
 ROLE: RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT (Reactant or reagent)  
 (cosmetic compns. comprising secondary or tertiary amines  
 for treatment of skin wrinkles)  
**REFERENCE COUNT:** 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD.  
**REFERENCE(S):**  
 (1) Kao Corp; EP 0691327 A 1996 CAPLUS  
 (2) Oreal; FR 2798590 A 2001 CAPLUS  
 (3) Shuker, A; TETRAHEDRON LETTERS 1997, V38(35), P6149  
 CAPLUS  
 (4) Smithkline Beecham Plc; WO 9737967 A 1997 CAPLUS  
 (5) Soken Kk; EP 1090630 A 2001 CAPLUS  
**IT** 690212-00-1  
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (cosmetic compns. comprising secondary or tertiary amines for treatment  
 of skin wrinkles)  
**RN** 690212-00-1 CAPLUS  
**CN** 6-Undecanol, 6-[3-[[3-(4-methoxyphenyl)propyl]amino]propyl]- (9CI) (CA  
 INDEX NAME)



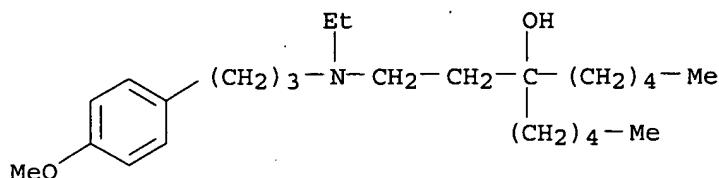
**IT** 690211-88-2P 690211-90-6P 690211-92-8P  
 690211-95-1P 690211-96-2P 690211-97-3P  
 690211-99-5P 690212-01-2P  
 RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological  
 study); PREP (Preparation); USES (Uses)  
 (cosmetic compns. comprising secondary or tertiary amines for treatment  
 of skin wrinkles)  
**RN** 690211-88-2 CAPLUS  
**CN** 6-Undecanol, 6-[2-[ethyl(3-phenylpropyl)amino]ethyl]- (9CI) (CA INDEX  
 NAME)



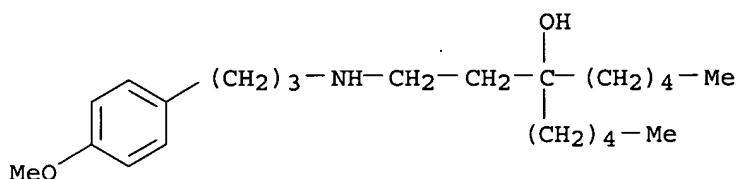
**RN** 690211-90-6 CAPLUS  
**CN** 6-Undecanol, 6-[2-[(3-phenylpropyl)amino]ethyl]- (9CI) (CA INDEX NAME)



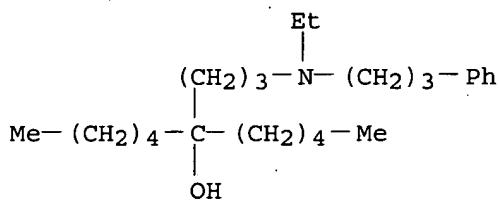
RN 690211-92-8 CAPLUS  
 CN 6-Undecanol, 6-[2-[ethyl[3-(4-methoxyphenyl)propyl]amino]ethyl]- (9CI)  
 (CA INDEX NAME)



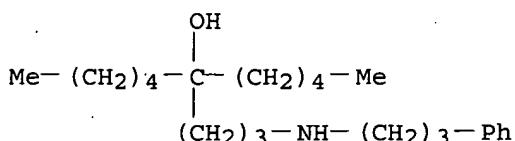
RN 690211-95-1 CAPLUS  
 CN 6-Undecanol, 6-[2-[3-(4-methoxyphenyl)propyl]amino]ethyl]- (9CI) (CA INDEX NAME)



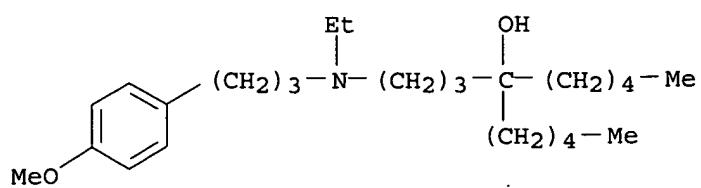
RN 690211-96-2 CAPLUS  
 CN 6-Undecanol, 6-[3-[ethyl(3-phenylpropyl)amino]propyl]- (9CI) (CA INDEX NAME)



RN 690211-97-3 CAPLUS  
 CN 6-Undecanol, 6-[3-[(3-phenylpropyl)amino]propyl]- (9CI) (CA INDEX NAME)

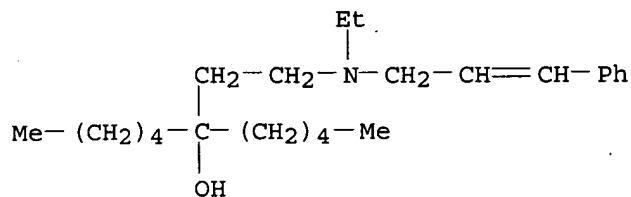


RN 690211-99-5 CAPLUS  
 CN 6-Undecanol, 6-[3-[ethyl[3-(4-methoxyphenyl)propyl]amino]propyl]- (9CI)  
 (CA INDEX NAME)



RN 690212-01-2 CAPLUS

CN 6-Undecanol, 6-[2-[ethyl(3-phenyl-2-propenyl)amino]ethyl]- (9CI) (CA INDEX NAME)



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	dalko and breton and boulle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:41
L2	4647	(dalko or breton or boulle)/in	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L3	1943	(dalko or breton or boulle).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L4	240	3 and oreal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L5	4	4 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
S1	1	10/701,466	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:16
S2	4	dalko and breton and boulle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:41